

INTER-LABORATORY COLLABORATIVE TEST : PMU/EX MUC

FILTRONA	TPM				WATER				SN				TAR				PC				OV			
Month of Analysis	PME	PMH	PMG	R&D	PME	PMH	PMG	R&D	PME	PMH	PMG	R&D	PME	PMH	PMG	R&D	PME	PMH	PMG	R&D	PME	PMH	PMG	R&D
January 94																								
February 94	2.1	2.3	2.1	2.3	0.16	0.10	0.10	0.11	0.12	0.20	0.19	0.21	1.9	2.0	1.8	2.0	7.0	7.0	7.2	7.0	12.4	12.6	13.0	13.2
March 94	2.4	2.5	2.6		0.21	0.15	0.13		0.20	0.22	0.20		2.0	2.1	2.3		6.7	6.7	6.8		12.7	12.2	12.3	
April 94	2.6	2.4	2.7	2.4	0.17	0.13	0.13	0.22	0.20	0.22	0.21	0.23	2.2	2.1	2.4	1.9	6.8	6.7	7.0	6.9	12.4	12.4	12.4	12.7
May 94	2.1	2.2	2.4	2.3	0.12	0.20	0.15	0.17	0.16	0.21	0.20	0.20	1.8	1.8	2.1	1.9	6.9	6.8	6.9	6.9	12.5	12.7	12.2	12.9
June 94	2.6	2.7	2.7	2.4	0.16	0.05	0.13	0.18	0.21	0.23	0.22	0.21	2.3	2.5	2.4	2.0	7.1	7.0	7.0	7.2	12.3	12.3	12.5	12.4
July 94	2.7	3.1	2.8	2.7	0.16	0.06	0.15	0.14	0.23	0.26	0.23	0.24	2.3	2.9	2.5	2.4	7.1	7.1	7.3	7.0	11.9	12.2		12.5
August 94	2.4	2.6	2.6	3.0	0.15	0.13	0.13	0.19	0.21	0.22	0.20	0.26	2.1	2.3	2.3	2.6	7.0	6.7	7.2	7.2	12.0	12.3	12.3	12.6
September 94	2.5	2.8	2.8	3.1	0.17	0.13	0.15	0.28	0.22	0.24	0.22	0.26	2.2	2.5	2.4	2.6	7.0	6.9	7.1	7.5	12.0	12.3	12.3	12.9
October 94	2.3	2.5	2.8	2.8	0.16	0.18	0.18	0.19	0.22	0.22	0.22	0.25	1.9	2.2	2.5	2.4	6.9	6.5	7.1	7.2	12.4	11.9	12.3	12.8
November 94	2.6	2.6	2.9	3.3	0.13	0.10	0.25	0.19	0.22	0.22	0.21	0.29	2.2	2.3	2.5	2.6	6.9	6.7	7.0	7.2	12.3	12.1	12.3	12.9
December 94	2.6	2.5	2.8	2.9	0.16	0.15	0.23	0.21	0.23	0.23	0.21	0.25	2.2	2.2	2.4	2.4	6.8	6.6	6.9	7.0	12.7	12.5	12.5	13.2
GL. AVERAGE:	2.4	2.5	2.4	2.6	0.16	0.13	0.17	0.19	0.21	0.22	0.21	0.23	2.1	2.2	2.0	2.2	7.0	6.9	7.2	7.1	12.4	12.4	12.4	12.6
PR. MOV. AVER:	2.5	2.6	2.8	3.0	0.15	0.13	0.18	0.21	0.22	0.23	0.21	0.27	2.1	2.3	2.4	2.6	7.0	6.7	7.1	7.3	12.2	12.1	12.3	12.8
MOV. AVER:	2.5	2.6	2.8	3.0	0.16	0.14	0.20	0.22	0.22	0.23	0.21	0.26	2.1	2.3	2.4	2.5	6.9	6.7	7.0	7.2	12.4	12.2	12.4	13.0

BORGWALDT	TPM		WATER		SN		TAR		PC		CO	
Month of Analysis	PME	PMG	PME	PMG	PME	PMG	PME	PMG	PME	PMG	PME	PMG
January 94												
February 94	2.3	2.5	0.26	0.20	0.16	0.20	1.9	2.1	7.3	7.6	2.1	2.7
March 94	2.5	2.5	0.20	0.25	0.20	0.21	2.1	2.1	6.9	6.9	2.6	3.0
April 94	2.6	2.4	0.21	0.20	0.21	0.20	2.2	1.9	7.0	7.0	2.5	2.6
May 94	2.3	2.2	0.20	0.08	0.19	0.18	1.9	1.9	7.2	7.2	2.3	2.3
June 94	2.6	2.6	0.08	0.15	0.21	0.22	2.3	2.2	7.1	7.3	2.4	2.4
July 94	2.8	2.9	0.23	0.28	0.24	0.24	2.3	2.4	7.2	7.4	2.8	3.2
August 94	2.6	2.7	0.16	0.20	0.22	0.21	2.2	2.3	7.3	7.1	2.8	2.9
September 94	2.8	2.7	0.21	0.23	0.22	0.23	2.4	2.3	7.3	7.5	2.7	3.0
October 94	2.6	2.5	0.19	0.30	0.23	0.22	2.2	2.0	7.3	7.4	2.7	2.8
November 94	2.8	2.6	0.27	0.25	0.23	0.20	2.3	2.2	7.1	7.3	3.2	3.0
December 94	2.7	2.6	0.18	0.18	0.22	0.22	2.3	2.2	7.1	7.2	3.0	2.7

PME = P.M. Europe - Neuchatel
 PMH = P.M. Holland - Bergen Op Zoom
 PMG = P.M. Germany - Munich
 R&D = P.M. R&D - Richmond

GL. AVERAGE:	2.5	2.5	0.20	0.20	0.21	0.21	2.1	2.1	7.3	7.4	2.4	2.5
PR. MOV. AVER:	2.7	2.6	0.21	0.25	0.23	0.22	2.3	2.2	7.3	7.3	2.8	2.9
MOV. AVER:	2.7	2.6	0.21	0.24	0.23	0.22	2.3	2.2	7.2	7.3	2.9	2.9

GL. AVERAGE = GLOBAL AVERAGE (ALL MONTHS INCLUDED)

PR. MOV. AVER. = PREVIOUS MOVING AVERAGE (INCLUDES THE 4 MONTHS PRECEDING THE LAST ENTRY)

MOV. AVER. = MOVING AVERAGE (INCLUDES LAST 4 MONTHS)

last update 16 01 95

PM3000984800

INTER-LABORATORY COLLABORATIVE TEST : PMU/EX MUC

Month of Analysis	TA				RS				N-NO3				N-NH3			
	PME	PMH	PMG	R&D	PME	PMH	PMG	R&D	PME	PMH	PMG	R&D	PME	PMH	PMG	R&D
January 94																
February 94		2.56	2.57	1.99		11.0	11.2	13.3		0.16	0.19			0.14	0.14	
March 94	2.42	2.46	2.49		10.1	9.5	10.4		0.19	0.22	0.18		0.14	0.14		
April 94	2.54	2.50	2.71	2.73	10.4	10.8	10.7	10.7	0.18	0.17	0.19	0.17	0.14	0.13	0.13	0.15
May 94	2.43	2.48	2.62	2.67	9.6	10.1	10.8	10.6	0.20	0.16	0.16	0.15	0.15	0.12	0.13	0.14
June 94		2.47	2.51	2.63		11.4	10.6	11.0		0.16	0.20	0.15		0.12	0.12	0.14
July 94	2.38	2.45	2.49	2.62	10.0	12.1	10.6	8.6	0.19	0.16	0.18	0.15	0.13	0.12	0.11	0.14
August 94	2.48	2.51	2.40	2.62	10.2	10.0	10.3	8.0	0.15	0.15	0.22	0.16	0.13	0.12	0.12	0.18
September 94	2.52	2.55	2.54	2.56	10.1	11.3	10.2	8.8	0.17	0.14	0.16	0.15	0.12	0.12	0.12	0.15
October 94	2.75	2.64	2.56	2.71	9.8	10.7	10.4	8.4	0.16	0.14	0.16	0.14	0.14	0.14	0.13	0.14
November 94	2.52	2.47	2.42	2.18	9.1	11.1	10.0	9.7	0.17	0.14	0.18	0.15	0.13	0.13	0.14	0.14
December 94		2.64	2.56	2.75		10.3	10.1	10.3		0.15	0.19	0.15		0.14	0.17	0.15

GL. AVERAGE: 2.54 2.59 2.53 2.67 10.2 10.3 10.5 9.8 0.17 0.16 0.18 0.15 0.16 0.13 0.14 0.15

PR. MOV. AVER: 2.57 2.54 2.46 2.52 9.8 10.8 10.2 8.7 0.16 0.14 0.18 0.15 0.13 0.13 0.13 0.15

MOV. AVER: 2.60 2.57 2.52 2.56 9.7 10.9 10.2 9.3 0.17 0.14 0.17 0.15 0.13 0.13 0.14 0.15

Month of Analysis	Filter RTD				Cigarette RTD				Ventilation				Diameter				Weight [mg]			
	PME	PMH	PMG	R&D	PME	PMH	PMG	R&D	PME	PMH	PMG	R&D	PME	PMH	PMG	R&D	PME	PMH	PMG	R&D
January 94																				
February 94	122	127	123	126	76	77	76	80	70.2	68.3	68.6	67.4	7.87	7.88	7.87	7.88	889	884	885	895
March 94	127	129	124		85	84	85		66.5	64.6	63.7		7.91	7.91	7.91		889	888	887	
April 94	128	133	130	135	81	80	81	81	67.2	66.2	65.4	66.8	7.88	7.88	7.87	7.88	883	883	881	890
May 94	131	126	128	133	80	82	77	81	68.7	66.3	67.4	64.3	7.90	7.90	7.89	7.90	879	886	873	887
June 94	123	128	122	127	83	82	81	84	66.7	66.1	65.5	65.6	7.92	7.92	7.91	7.91	878	886	875	887
July 94	120	124	120	140	83	84	80	84	65.0	64.3	63.5	64.2	7.90	7.88	7.90	7.89	887	887	885	895
August 94	119	125	128	124	82	82	79	83	65.8	64.4	65.4	64.4	7.94	7.93	7.92	7.93	886	883	876	891
September 94	116	121	120	126	81	82	78	79	65.6	64.7	65.3	63.6	7.91	7.88	7.88	7.88	885	871	877	883
October 94	123	122	123	129	85	87	84	85	66.2	64.0	63.9	63.7	7.90	7.89	7.89	7.90	897	897	879	902
November 94	118	124	119	122	81	82	79	81	66.1	64.1	65.3	63.3	7.88	7.88	7.89	7.89	879	877	878	863
December 94	121	125	126	125	82	80	81	80	65.7	64.9	64.2	64.4	7.91	7.90	7.92	7.91	878	879	882	876

GL.AVERAGE 117 118 117 123 79 78 78 80 69.6 69.3 67.8 68.4 7.91 7.90 7.90 7.90 884 882 879 887

PR. MOV. AVER: 119 123 123 126 82 83 80 82 65.9 64.3 65.0 63.8 7.91 7.89 7.90 7.90 887 882 878 886

MOV. AVER: 120 123 122 126 82 83 81 81 65.9 64.4 64.7 63.8 7.90 7.89 7.90 7.90 886 881 879 881

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